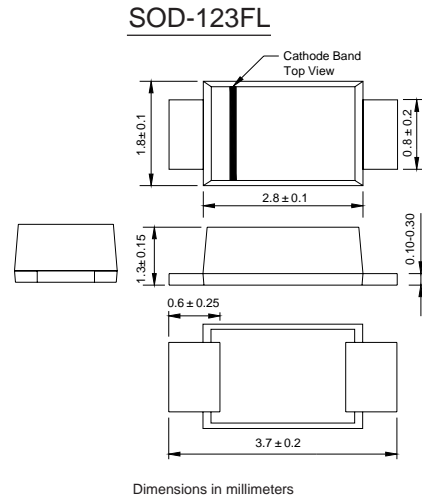


Schottky Barrier Rectifiers

Features

- Metal to silicon rectifier, majority carrier conduction.
- For use in low voltage, high frequency inverters free wheeling, and polarity protection applications.
- Low power loss, high efficiency.
- High current capability, low V_F .
- High surge capacity.
- Glass passivated



Schottky Rectifiers

Absolute Maximum Ratings*

$T_A = 25^\circ\text{C}$ unless otherwise noted

CHARACTERISTICS	SYMBOL	DSK22	DSK23	DSK24	DSK25	DSK26	DSK28	DSK210	DSK215	DSK220	UNIT	
Maximum Recurrent Peak Reverse Voltage	V_{RRM}	20	30	40	50	60	80	100	150	200	V	
Maximum RMS Voltage	V_{RMS}	14	21	28	35	42	56	70	100	125	V	
Maximum DC Blocking Voltage	V_{DC}	20	30	40	50	60	80	100	150	200	V	
Maximum Average Forward Rectified Current @ $T_L=100^\circ\text{C}$	$I_{(AV)}$	2.0									A	
Peak Forward Surge Current 8.3ms Single Half Sine-Wave Super Imposed On Rated Load (JEDEC Method)	I_{FSM}	60									A	
Maximum Forward Voltage at 2.0A DC	V_F	0.45	0.5	0.55	0.7		0.85	0.92	0.95		V	
Maximum DC Reverse Current at Rated DC Blocking Voltage	I_R					1.0					20	mA
Typical Junction Capacitance (Note1)	C_J					200						pF
Typical Thermal Resistance (Note2)	$R_{\theta JL}$					15						$^\circ\text{C/W}$
Operating Temperature Range	T_J					-55 to +150					$^\circ\text{C}$	
Storage Temperature Range	T_{STG}					-55 to +150					$^\circ\text{C}$	

FIG.1- PEAK FORWARD SURGE CURRENT

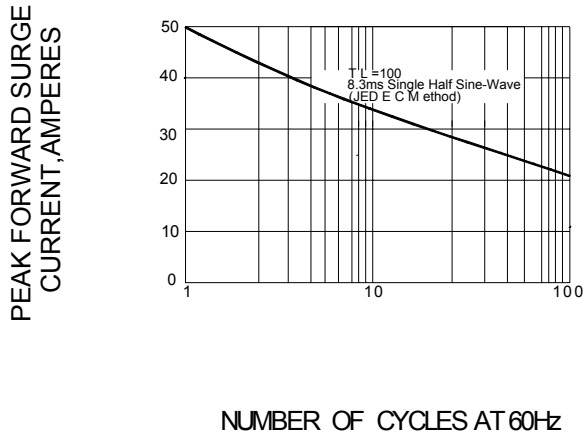


FIG.2 - TYPICAL FORWARD CHARACTERISTICS

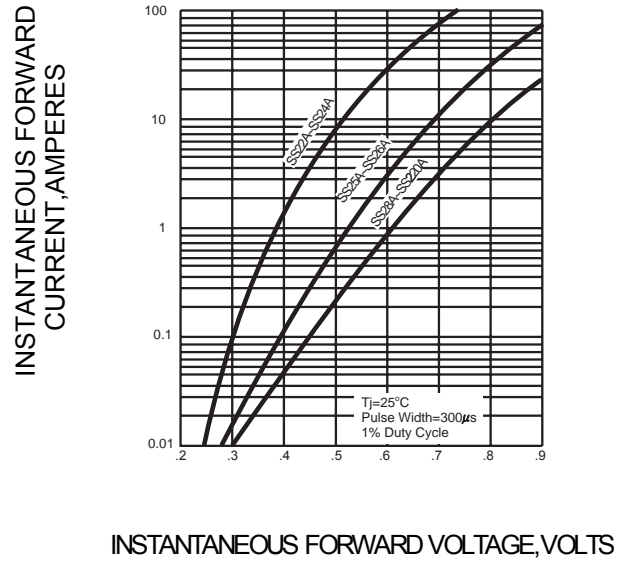
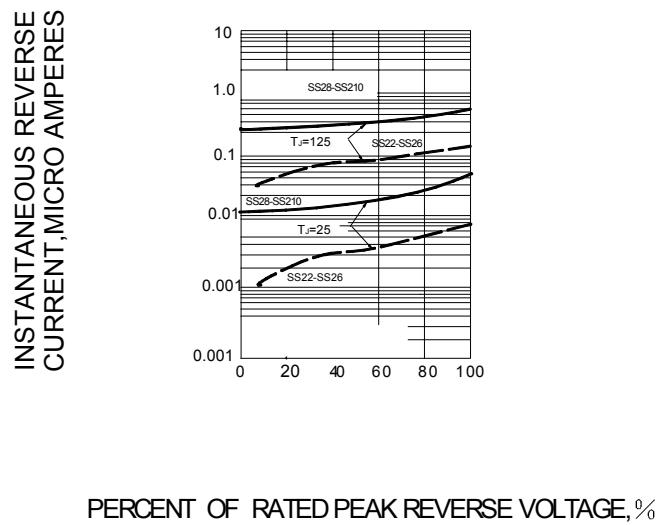


FIG.3 - TYPICAL REVERSE CHARACTERISTICS



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[NRVB130LSFT1G](#) [CRS08TE85LQM](#) [PMAD1108-LF](#) [B120Q-13-F](#) [1N5819T-G](#) [B0530WSQ-7-F](#)